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ABSTRACT

Four curriculum units for use at the kindergarten level focus on: (1) school jobs and the school community; (2) farming jobs and lifestyle; (3) family jobs at home and outside the home; and (4) transportation jobs and its industry. Objectives linking the units emphasize increasing students' awareness of and appreciation for each unit's jobs. The first three units list suggested questions; teaching techniques and learning activities; and resources and materials and include resource lists covering: childrens' books, teachers' books, flannel board or activity kits, filmstrips, cassettes, study prints, records, puzzles, and films related to the unit topics. The fourth unit adds broad concepts to the behavioral objectives to be developed. Children's previous transportation experiences are emphasized in discussion topics. Occupations to be mentioned, activities, audio-visual materials, and equipment and general materials are listed in chart form for the unit's treatment of land, water, air, and space transportation. (SD)

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ED106594

CAREER EDUCATION PROGRAM

GENEVA AREA CITY SCHOOLS

UNIT TITLE: The School

Pat-A-Cake, Pat-A-Cake

APPROXIMATE GRADE LEVEL: Kindergarten

MAJOR SUBJECT AREA: Social Studies

PROJECT DIRECTOR: Eugene Veverka

PROJECT COORDINATORS: Rosemary Brenkus

Jerry Sykes

Martha Taylor

ADMINISTRATIVE ADVISOR: William Porter

THE CAREER EDUCATION PROGRAM
GENEVA AREA CITY SCHOOLS
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CE003766

INTRODUCTION TO: The School
"Pat-A-Cake, Pat-A-Cake"

This unit is an introduction of the kindergarten child to his new environment in the school community. It is presented in a way that will help develop an appreciation and understanding of the various job roles in the school. Hopefully, it will help the child develop an awareness of his role in being a helpful, cooperative and responsible student.

BROAD OBJECTIVES:

1. To present appropriate occupational information about the occupations of the school staff and promote an appreciation and understanding of each school helper's role.

2. To help the child become aware of his importance as a responsible, helpful, cooperative citizen in the school community.

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHER'S OWN MATERIALS
1. Why do we need helpers in the classroom? Why is it important for us to share our jobs? Is it easier for one person to help? Would you like to be a helper?	As an introduction to this school unit, a helper chart drawn as a gingerbread man will be in classroom with each child's name on separate cards to be chosen for classroom duties each day. Read and discuss book or filmstrip.	Book: The Gingerbread Man by Nancy Nolte -or- Filmstrip: The Gingerbread Man (SVE)	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
2. Would you like to make your own gingerbread man like the one on the helper chart?	Children will help make a real gingerbread man and decorate with raisin eyes, etc. Class will take him to cafeteria to put him in oven. (After baking, teacher will put in freezer for future use.	Book: Little Bear Learns to Read the Cookbook by Mariana Recipe for gingerbread man: (cream) 2/3 cup shortening 1-1/4 cups sugar (add to 1st) 2 tbsp. molasses 2 eggs 2 tbsp. sour milk (add) 1 tsp. soda 3 cups flour 1 tsp. salt 1 tsp. b. powder (add) 1 tsp. cinnamon 1/2 tsp. ginger 1/2 tsp. nutmeg Pour into gingerbread man pan and bake 375°	
3. Who are the helpers that work in our school kitchen? How do they help us? What jobs do you see them doing?	Introduce all cafeteria workers. Let children observe them working with equipment. Children will role play these workers in interest centers.	Flannel board: School Helpers (Instructo) Study print: Teaching Pictures (D. Cook Pub. Co.)	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
4. Do you think it would be fun to go back to cafeteria to see if the gingerbread man is done in the oven?	Eat snack in cafeteria. Children will find note on cafeteria table from gingergread man saying: "Look, look, as hard as you can, you can't find me . . ." "The Gingerbread Man" Children will walk through school until they find the "clue"--brown construction paper shaped like gingerbread man will be taped on the principal's office door. Visit a guidance counselor and ask her to visit class. Ask her to discuss her job.	Cooking utensils put in kindergarten housekeeping center. Book: How School Helps Us by Mike Hage, Jr. As each school helper is visited add the tool he uses to interest centers. Filmstrips and cassettes: Knowing Our School series (Encyclopedia Britannica) 1. Going to School 2. Our Room in School 3. A New Friend at School 4. Helpers at School 5. School Rules 6. Our School in the Community Filmstrips: (Eye Gate) Going to School is Fun School Helpers Book: Cathy's First School by B. Katzhoff	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
5. Who do you think might work here? Would you like to meet our principal and his helper? (Secretary) What kind of jobs does the principal do? What does his secretary do to help him? How do they help us? How can we help them?	Children will continue their search each day, exploring the school. They will see the various school helpers working in their jobs. Each day a similar note from the gingerbread man will be found which will lead them to each area of work. Those visited will include: 1. Cafeteria 2. Principal 3. Secretary 4. Custodian 5. School Patrol a. Safety b. Flag 6. Special Teachers a. Music b. Guidance c. Speech d. Art e. Gym f. Reading 7. Classrooms and Teachers	Books: Let's Find Out About School by Martha and Charles Shapp Schoolroom Bunny by Janet Knokle Andy and the School Bus by Jerrold Beim Jerry at School by Kathryn and Byron Jackson How Schools Help Us by Robert Ryan Will I Have a Friend by Miriam Cohen Let's Go To School by Naomi Buchheimer Good Morning, Teacher by Jene Barr Crow Boy by Taro Yashima School For Sillies by Jay Williams All Ready For School by Leone Adelson Study Print: School Patrol (Ginn Co.) Record: Sounds in Our School (Scott-Foresman)	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
6. Where is the gingerbread man?	After meeting all of school helpers except librarian, children will find final note giving clue to look in library. There, they will find the gingerbread cake they baked hiding behind the book of same which librarian will read. In this way they will learn of their weekly visit to the library to hear a story. Over a snack of gingerbread shared with librarian, children can learn rules, etc. of library.		
7. Who is the librarian and what does she do? How can we help her and our school?			
8. Visit Geneva City Library.	Visit Geneva City Library.	Geneva Library Austinburg and Cork Schools may want to use the Henderson Memorial Library in Jefferson.	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
		The librarian there gives an excellent tour.	
9. What will first grade be like next year?	Visit one of the first grade classes.		
10. What would we see in a science class (for example)?	Visit an upper grade--observe what they are studying.		
CULMINATING ACTIVITY:	Would you like to have another gingerbread party and invite our school friends? Follow-up activities could include: 1. Children decorate ginger snaps with raisins and icing--invite one school helper each day to have snack with them and interview helper. 2. Guessing game: Pantomime what each helper does.	For role play children can have tools of each school helper. Cafeteria: Play food - set up in classroom Pots and pans Aprons Dishes, etc. Principal and Secretary: Desk Telephone Pencil and paper Custodian: Set up carpenter's bench in classroom	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	3. Draw pictures of each worker, have roller movie. 4. Tape record school sounds. 5. Puppet show of each helper. 6. Children can make greeting cards to send to helpers on birthdays, holidays, etc.	Carpenter tools Broom Mop	

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2. Filmstrips and Cassettes:

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School Helpers. Eye Gate.

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My Mother Is a Teacher. My Mother Has a Job series, Eye Gate, 1971.

The Gingerbread Man. SVE.

The School Community series. Encyclopedia Britannica, 1953.

Tommy Goes to Kindergarten. Eye Gate, 1966.

3. Study Prints:

School Patrol. Ginn.

Teaching Pictures. David C. Cook Publishing Co.

School Friends and Helpers. SVE, 1965.

4. Records:

Sounds In Our School. Scott Foresman.

5. Flannel Board:

The School. Instructo.

School Helpers. Instructo.

6. Puzzles:

School Teacher. Playskool.

School Bus. Playskool.

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C A R E E R E D U C A T I O N P R O G R A M

G E N E V A
A R E A
C I T Y
S C H O O L S

UNIT TITLE: The Farm

"In the Barnyard"

APPROXIMATE GRADE LEVEL: Kindergarten and 1

MAJOR SUBJECT AREA: Social Studies

PROJECT DIRECTOR: Eugene Veverka

UNIT DEVELOPERS: Rosemary Brenkus

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INTRODUCTION TO: The Farm
"In The Barnyard"

Children in the city need to become aware of farm life and farm animals. They need to gain an understanding of the interdependence of people who live and work on the farm to those who live and work in the city.

First grade skills and subject areas can be readily developed in this unit.

BROAD OBJECTIVES:

1. To help the children become familiar with farm life and farm animals, and help them to gain an appreciation of life on a farm.

2. To help the child become aware of the interdependence of the farmer to us--how we depend on the farmer for food and how he depends on us for his livelihood.

3. To extend the child's knowledge of the duties of a farmer in daily life.

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	Display and discuss model farm from the National Dairy Council. Include child's vacation experiences on a farm.	Model farm	
	Play record and sing: Old MacDonald's Farm In The Barnyard	Record: Old MacDonald's Farm Song: In The Barnyard Record: Sounds On The Farm and study prints	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	Read story.	Book: Good Morning Farm by Betty Wright	
1. What do you think living on a farm would be like? What does the farmer's family do all day?	Class will discuss and draw a picture of what they think life on a farm is like. Read stories. Begin farm booklet. Make folder. Show pictures and study prints of farm life. Filmstrip.	Books: What I Will Be From A to Z by National Dairy Council The Little Farm by Lois Lenski The Cow In The Silo by Patricia Goodell My Friend The Cow by National Dairy Council Construction paper Farm ditto Study prints: At The Farm (Instructo) Dairy Helpers (SVE) Filmstrips: Feeding Farm Babies 16 min. State Poultry On The Farm 10 min. State	
2. What animals do you know that live on a farm? Why does a farm have animals?	Continue booklet with pictures of farm animals. Children can cut out and bring, also,	Worksheets on baby animals.	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	color worksheets on animals. Read story.	Books: Farm Life by Katherine Keller Smiling Hill Farm by Miriam Mason	
3. Where does the farmer keep his animals?	Discuss how the farmer takes care of his animals and barns, etc. Include farmers' personal cleanliness, government inspection, etc. Visit a dairy farm. Role play a day on the farm or in the barnyard. View filmstrips and read books. Play guessing game on mother and baby animals. Put two eggs in a "chick-u-bator" and count time for hatching.	Filmstrips and record: Sounds On The Farm (Eye Gate) Dinky, The Calf (Eye Gate) Fluffy, The Chick (Eye Gate) Frisky, The Colt (Eye Gate) Fleecy, The Lamb (Eye Gate) Porky, The Pig (Eye Gate) Our Poultry Farm (Eye Gate) Books: Animal Families by Ann Weil The Horse Who Lived Upstairs by Phyllis McGinley	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
		Katie's Chickens by Nancy Watson Farm Stories by Kathryn Jackson Seven Diving Ducks by Margaret Friskey Gertie, The Duck by Nicholas Georgiady Kristie and The Colt by Emma Brock Johnny Crow's New Garden by Leonard Brooke The Lonely Little Pig and Other Animal Tales by Wilhelmina Harper Flip, The True Story Of a Dairy Farm Goat by Jane Moncure All Kinds of Cows by Madeline Dodd Wooden or rubber farm animals (borrow from the kindergarten) Puzzles: The Farmer; Farm; Barn; Pigs; Ducks; Cats; Donkeys; Lambs; Cows; Chickens; Birds; Goats; Horses	
	Have children work individually on puzzles.		

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	Children can make farm and animals out of clay.	Clay and boxes	
4. What kind of tools or machinery does the farmer use?	Show filmstrip.	Filmstrips: Old MacDonald - 16 min. State The Cardboard Cow - 14 min. State	
	Use pictures of farm machinery and discuss use, etc. Make models of farm machinery from boxes or clay.	Pictures Roll of manila paper bulletin board Clay and boxes	
	Show film.	Film: Pageant of American Farms - 15 min. State	
	Have children make a mural of farm life, include animals, machinery, etc. Label all parts studied.	World Book Encyclopedia Model of dairy farm Sentence strips	
	Introduce and sing songs about the farm.	Songs: Music In Our Town 2 Farmer's Market Barnyard Family Sheep Are Coming Down the Road	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
		Growing Crops Market Day The Farmer	
	Read stories.	Books: Farm Boy by Philip Stong The Farmer and the Witch by Ida Delage Over In the Meadow by John Langstaff	
	Show filmstrip on the farm.	Filmstrips: Animals On the Farm Life On a Dairy Farm	
	Books--read and discuss.	Books: All Kinds of Cows by Madeline Dodd Let's Go To a Dairy by J.M. Goodspeed	
5. What crops do the farmers raise?	Filmstrip--view and discuss.	Filmstrip: Set of 6 Learning About Plants Life On a Dairy Farm	
	Show pictures of various foods--have children discuss and make a chart of foods raised on the farm. Bring cut outs of these to class and make a collage.	Pictures of foods	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
6. How are farm animals important to us?	Discuss and make a picture chart of the different products derived from sheep, cattle, hogs, etc. Label all. Songs and stories. Imitate animal sounds and guess the animal. Take the class on a field trip to visit Burkholder's Farm.	Flannel board kit: Farm Animals (No. 88) Study prints: Animals and Their Young A Trip To the Farm Record: Sounds I Can Hear Sentence strips Poster board Field trip: Burkholder's Farm	
7. Where does the farmer sell his products?	Poems about farmer, his products and market. Work farm picture puzzles. Films:	Puzzles Films: Agricultural Lifelines-14 min. Elem. - State Food For the City: Produce - 12 min.	
8. Who buys the foods at the market? How does this help the farmer?	Role playing - farmer buying and selling.		

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
9. What does a farmer do all day? Who helps him with his work?	Show and discuss large farm picture (Childcraft) of what a farmer is and will do on the farm.	Bulletin board Childcraft farm picture	
	Construct a farm and label the buildings, animals, machinery.	Boxes	
	Role play - farmer at work.		
10. What does the farmer do in different seasons?	Show pictures and discuss. Have children bring some pictures. Make a bulletin board of the farmer's jobs in each season. Measure and divide into fourths.	Pictures of farmer's seasonal jobs	
	Songs		
	Poems		
CULMINATING ACTIVITY:	Pop popcorn in the classroom.	Popcorn Popper	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	Role play: The farmer and his helpers. A day on the farm. Complete booklets and take home.		
	Begin a list of careers we have talked about in this unit--add list as we study more occupations.	Resource persons: 1. Farmer 2. Salesman 3. Grocer 4. Machine Operator 5. Dairyman 6. Feed Dealer 7. Manufacturers of farm tools 8. Veterinarian	
	Field trip to Lake County Fairground in the spring.	Field trip: Lake County Fairgrounds	

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Ipcar, Dahlou. Ten Big Farms.

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Langstaff, John. Over in the Meadow.

Lenski, Lois. The Little Farm.

Lewellen, John. True Book of Farm Animals.

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Sootin, Laura. Let's Go to a Farm.

Stanek, Muriel. I Know a Dairy Man.

Stong, Philip Duffield. Farm Boy.

Tresselt, Alvin. Wake Up, Farm!

Watson, Nancy. Katie's Chickens.

Weil, Ann. Animal Families.

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Mathematics 2. Laidlaw (Unit on Measurements).

Our Working World - Neighbors at Work (p. 4-52) by Lawrence Senesh, SRA.

Music In Our Town 2.

Concepts in Science 2. (Plants and Animals).

3. Flannel Board Kits:

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Farm Animals. Milton Bradley or Instructo.

4. Filmstrips:

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Fluffy, the Chick. Eye Gate House, Inc.

Frisky, the Colt. Eye Gate House, Inc.

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Learning About Plants. Encyclopedia Britannica Educational Corp.

Life On a Dairy Farm. Encyclopedia Britannica Educational Corp.

Living On a Farm series. Coronet, 1972.

Our Poultry Farm. Eye Gate House, Inc.

Porky, the Pig. Eye Gate House, Inc.

Sounds Around the City. Eye Gate House, Inc.

Sounds Around Town. Eye Gate House, Inc.

Sounds On the Farm. Eye Gate House, Inc.

The Foods We Eat series. SVE, 1971.

The Dairyman. Eye Gate House, Inc., 1967.

5. Films:

Agricultural Lifelines. State. (14 minutes - elementary)

Agriculture's Showcase Abroad. State. (14 minutes - elementary)

The Cardboard Cow. State. (14 1/2 minutes - elementary)

Feeding Farm Animals. State. (16 minutes - elementary)

Food for the City. State. (12 minutes - elementary)

Old MacDonald. State. (16 minutes - elementary)

Our Land - Its Many Faces. State. (14 minutes - elementary)

Pageant of American Farms. State. (15 minutes - elementary)

Poultry on the Farm. State. (10 minutes - elementary)

Soil Conservation - Erosion. State. (10 minutes - elementary)

Soil Conservation - Soil. State. (10 minutes - elementary)

6. Puzzles:

Barn. Beckley-Cardy.

Birds. Playskool.

Cats. Playskool.

Chickens. Playskool.

Cows. Playskool.

Donkeys. Playskool.

Ducks. Playskool.

Farm. Playskool.

Farmer. Playskool.

Goats. Playskool.

Horses. Playskool.

Lambs. Playskool.

Milkman. Playskool.

7. Study Prints (Teaching Pictures Packets):

A Trip to the Farm. David Cook.

Animals and Their Young. Instructo.

At the Farm. Instructo.

Dairy Helpers. SVE, 1965.

Farm Animal Families. Hayes.

Sounds I Can Hear. David Cook.

Supermarket Helpers. SVE, 1965.

8. Activity Kit:

Visiting the Farm. Instructo. (Stand-up farm family, animals, buildings, equipment, and scenery)

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CAREER EDUCATION PROGRAM

GENEVA AREA CITY SCHOOLS

UNIT TITLE: The Family

Family Affair

APPROXIMATE GRADE LEVEL: Kindergarten

MAJOR SUBJECT AREA: Social Studies

PROJECT DIRECTOR: Eugene Veverka

UNIT DEVELOPERS: Rosemary Brenkus

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INTRODUCTION TO: The Family
Family Affair

The family unit follows the self unit and now directs the child's thinking from self to his family. He becomes aware of the jobs of each family member and of his role as a cooperative group member.

The child begins to realize there are a variety of jobs within his own home and particularly the occupations of his parents--both in the home and in the community.

Kindergarten objectives or goals, activities, and skills will correlate well throughout this unit.

BROAD OBJECTIVES:

1. To develop the child's awareness of home and his job role as a cooperative family member.

2. To help the child understand and appreciate his parents' jobs in their occupations and at home.

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
1. What do you do at home? 2. What does mother do at home and at work? Do you help her? 3. What does daddy do at home and work?	Read story and discuss each family member's job. Children draw six of the jobs from the above story. Listen to the Sesame Street record about the family.	Book: About Family Helpers by Elaine Hoffman and Jane Hefflefinger Sesame Street Record: Five People In Our Family	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
Introduction to Family and Home.	Story or filmstrip. Motivation--bulletin board about the family. Read stories about the family. Make a large box into house. Children will paint and use for role-play and puppet theater.	Filmstrip: (SVE) A Day With Your Family Books: Happy Little Family by Rebecca Caudill Debbie and Her Family by Lois Lenski	
4. What is a family?	The family is mother, father, children and relatives who live with them. Have a discussion. Family mobile: Cut out paper dolls of family members and hang on coat hanger.	Activity: Family fingerplays Book: Rhymes For Fingers and Flannelboards by Louise Binder Scott	
5. How many are in your family?	Have class discussion on child's family. Role-play, use family figures to describe child's family.	Record: (Sesame Street) Five People In My Family Filmstrip: (SVE) Robert and His Family Visit the Zoo	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
6. How many sisters and brothers do you have? 7. Are they bigger or smaller than you?	Listen to records. Display pictures of a family. Have children color and cut out pictures of their family (ditto sheet). Glue to popsicle sticks.	Records: (Pickwick) Hush, Little Baby Rock-A-Byd Baby	
	Read books.	Books: Do You Know What I'll Do? by Charlotte Zolotow Big Brother by Charlotte Zolotow	
8. Do you have a pet? Is it part of your family?	Listen to records about pets.	Records: Doggie In Window Three Little Puppies	
	Draw favorite pet.		
	Read stories about pets.	Books: Have You Seen My Puppy? by Adelaide Hull A Dog For Susie by Ruth Nordlie Katie the Kitten by Kathryn Jackson	
	Show and talk about study prints.	Study Print: (SVE) A Family at Work and Play	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	Make pets from clay, paris craft, paper mache.	Materials needed: Clay Paris craft Paper mache Newspaper	
	Let children tell about their pets, or pets they would like to have.		
	Listen to records about pets.	Records: Sing'n Do Songs My Little Puppy Maybe I'll Find a Kitty Under the Christmas Tree	
	Make puppets from light bulbs (mother, father, pets). Children will give puppet show about jobs.		
	Read and discuss a book about kindness.	Book: Kindness Is a Lot of Things by C.R. Gibson	
	Read and discuss book.	Book: Go, Dog, Go by P.D. Eastman	
9. What do you do together as a family?	Show and discuss study print.	Study Print: (SVE) A Family At Work and Play	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	View filmstrip. Talk about sharing. Read story. Talk about things they like to do with their families. Ex: playing games, picnics, camping, shopping, vacation and drives in the country. Show filmstrips:	Filmstrip: (SVE) Robert Goes Shopping Book: Kindness Is a Lot of Things by C.R. Gibson Filmstrips: (SVE) Family Fun Robert's Family at Home Robert's Family and Their Neighbors A Day With Your Family	
10. What do you live in? What different kinds of houses do you know about?	Show pictures of different kinds of homes: (apartments, trailers, etc.). Let the child describe the home he lives in. Ask if it is big or small. Role-play.		

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	Read books and discuss.	Books: The Big World and the Little House by Ruth Krauss Best Little House by Aileen Fisher	
	Make houses out of milk cartons.	Material needed: Milk cartons Paint	
	Listen to record.	Record: Sounds I Can Hear - Home (Scott Foresman)	
	View the filmstrip about the three little pigs. Let the children dramatize the story.	Filmstrip: (SVE) The Three Little Pigs	
	Read and discuss book.	Book: A Very Special House by Ruth Krauss	
	Take a field trip. Discuss the field trip.	Field trip: Look at different kinds of houses (a typical house, apartment, trailer, and a house under construction).	

	CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
11.	What is your job at home? Do you take care of your pet?	Filmstrip--view and discuss. Talk about the jobs a child could do; how to feed and take care of his pet; and have him tell things his pet does. Books--read and discuss.	Filmstrip: (SVE) Family Members Work Books: A Home For My Kittens by Albertine Deletaille A Dog For Susie by Ruth Nordlie	
12.	What does mother do at home? Do you help mother? How?	Show study print (mother). Discuss what mother is doing and her jobs in the home. Books--read and discuss. Display unit table with tools and materials of various jobs brought in by children. Role-play "Did you ever see a mommy?" (Turn to, "Did you ever see a lassie?"	Study Print: SVE Mother - A Family At Work and Play Books: Are You My Mother? by P.D. Eastman Mommies Are For Loving by Ruth Penn Ask Mr. Bear by Marjorie Flack Where Are the Mothers? by Dorothy Marin	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
	Teams will role-play various jobs. Children will guess. Have one child in center; have him act out something that mother does. See if children can guess. The first one to guess gets a turn until all have had a turn. Listen to records. Have a mother come to school and tell children about her role in home. Read and discuss books.	Records: I Love You Mommy Here We Go Around the Mulberry Bush Resource person: A mother Books: Mr. Rabbit and the Lovely Present by Charlotte Zolotow The Hating Book by Charlotte Zolotow	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
13. What things does mother use in her work at home?	Have a display of tools mother works with. See if child knows what each tool is and how it helps mother. Role-play (Mommy bags). Have a child take home a paper bag; let mother put something in it. Have child give a clue and see who can guess what it is. Let each child have a turn.	Display: Dishes Pans Broom Silverware Paper bags	
14. Does mother have a job outside of the home? What does she do?	Discuss where mother works; how she gets to work. Let children make hats for mothers. Read book. Have several mothers visit class and tell class about their jobs.	Materials: Paper bags Plates Construction paper Crayons Book: Jennie's Hat by Ezra Keats Resource persons: Mothers Nurse Cook Florist	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
15. What does Daddy do at home? Do you help him? How?	Show study prints.	Study Prints: (SVE) A Family at Work and Play	
16. What tools does Daddy use to work with?	Talk about jobs Daddy does at home (washing car, cutting grass, painting, fixing all the things that break--our toys, etc.)		
	Books--read and discuss.	Books: Daddies by Lonnie Carton The Sorely Trying by Russell Hoban No Fighting, No Biting by Elsie H. Minauh Thank You - You're Welcome by Louis Slobodkin	
	Have a Daddy visit the class and tell about his jobs at home. Role-play things you like to help Daddy do.	Resource Person: A Daddy	
	Make Daddy bag (note Mommy bags).	Paper bags	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
17. Where does Daddy work?	Have Daddies visit class and tell what they do. Try to get a variety of occupations (laborers, skilled trade, business).	Resource Persons: Daddies from various occupations to talk about their jobs	
	Listen to record about Daddy.	Record: (Folkways) My Daddy	
	Read and discuss book.	Book: Daddies, What They Do All Day by Helen Puner	
18. How are families different?	Filmstrip--view and discuss.	Filmstrip: (SVE) How A Navajo Indian Family Lives	
	Discussion on different family life (Ex: American, Eskimoes, Indian, etc.).		
	Build homes showing how each is different.		
	Build a block or brick house. Make a tepee and igloo.	Wooden blocks Cardboard bricks Paris craft Cloth	

CONTENT QUESTIONS	TECHNIQUES AND ACTIVITIES	RESOURCES AND MATERIALS	TEACHERS' OWN MATERIALS
19. How do we all help each other in the family?	Everyone doing his job, working together. Let children role-play "A Family."		

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Scott, Foresman. Sounds I Can Hear. Home.

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CAREER EDUCATION PORGRAM

GENEVA AREA CITY SCHOOLS

UNIT TITLE: Transportation

MAJOR SUBJECT AREA: Social Studies

APPROXIMATE GRADE LEVEL: Kindergarten

PROJECT DIRECTOR: E. A. Veverka

UNIT WRITER: Beth Hutchison

THE CAREER EDUCATION PROGRAM
GENEVA AREA CITY SCHOOLS
135 SOUTH EAGLE STREET
GENEVA, OHIO 44041

PHONE: 216-466-4851

BROAD OBJECTIVES:

1. To help the child realize the importance of transportation in his own everyday life.
2. To help the child develop an appreciation for people who work in the area of transportation.
3. To provide opportunities for the children to:
   a) relate their own transportation experiences to the group.
   b) use skills of problem solving and critical thinking.
   c) to do classifying.
   d) to use their creative talents

BROAD CONCEPTS TO BE DEVELOPED:

1. There are many ways of moving and all creatures have some way of moving.
2. The meaning of transportation.
3. The way that transportation has developed over the years.
4. The transportation world provides many people with jobs.

UNIT PREPARATION:

1. Arrange room so that there is an area large enough for children to sit on the floor in a circle during class discussions.
2. A large bulletin board should be divided into four areas marked: "LAND","WATER", "AIR", "SPACE" with a main heading of "TRANSPORTATION".
3. Have available the following materials for use in creative crafts:
   a) paper (white and colored construction)
   b) crayons
   c) water paints and brushes

3. d) tempera paints

   e) paste

   f) wood scraps of all sizes

   g) wooden wheels

   h) nails of various sizes, screws, sandpaper

   i) carpentry tools

   j) workbench or saw horses

   k) shellac

   l) various transportation toys and building blocks

4. Set up activity centers for use with transportation toys and construction and building materials. Have an activity time each day.

DISCUSSION TOPICS TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
I. A. Land Transportation What is the meaning of transportation? B. What are ways we can move from one place to another? C. Discuss early man's methods of transporta-	Parents of the children who are involved in transportation occupations	By way of a circle discussion? teacher and pupils will come up with a definition of transportation using pupil suggestions. Let each child show a way of moving	Language Development Cards (Economy) A: 29, 33, 132, 204-8 B: 18, 31, 36, 38, 79, 116, 143, 246, 247, 250, 257, 259, 271 pictures showing methods	early transportation

DISCUSSION TOPICS TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
C. tion using no motors. D. Discuss ways of modern-day transportation using no motors		in some way without the use a motor. Share them with the class and let class members guess how the person is moving in each picture. Tell children that they may each bring in one transportation toy to share with the class tomorrow.	Song: "Let's Take a Little Trip" Record and music book from Making Your Own Music - Silver Burdett Co.	paper and crayons
There are 4 major areas of transportation (Land, Water, Air, space) We will begin this week with land transportation	those that are mentioned during sharing of toys.	During circle discussion time, let each share the transportation toy he brought in. Afterwards classify them by placing in groups as to where each toy would travel (Land, air, water or space) Tomorrow each child may bring pictures cut of	transportation toys	Book: Airplanes and Trucks, etc. by George Zaffo

DISCUSSION TOPICS TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
		a magazine of land transportation vehicles.		
Cars and Buses All children have traveled in a car. Discuss various other cars: ambulance, taxi, hearse, jeep, etc. Discuss kinds of buses: greyhound, school, etc.	drivers of cars mentioned Bus drivers Gas station Attendants Mechanics	Each child who brought in a picture may hang it on the bulletin board Draw a picture of your family car and/or another kind of car or bus.	Song: "Riding in My Car" - from Making Your Own Music - Silver Burdett Language Development Cards (Economy) A: 31, 131, 205, 206 B: 31, 38 Song: "The Wheels on the Bus Go 'Round and 'Round"	Crayons and paper
Trains There are 2 types of trains: 1) passenger 2) freight Name some of the cars on each: baggage-coach dining-observation-baggage Boxcar-flat car hopper-Gondola tank - stock refrigerator mail caboose Rail travel had an earlier beginning.	Conductor Brakemen Porter Ticket Agent Cooks Mail clerk Stewardess	Draw a picture of a train naming each car as it is made. Draw a large mural of a train letting each child draw one car either on the passenger train or the freight train.	Story: "The Little Engine That Could" by Watty Piper Song: "Down by the Station" Story: "The Little Train" by Lois Lenski Book: The Big Book of Trains by George Zaffo	Filmstrips: "The Passenger Train" "The Freight Train" (Encyclopedia Britannica) Long sheets of white paper - crayons Book: Airplanes and Trucks, etc. by G. Zaffo (Truck Section) a large piece of paper - crayons

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
Discuss its early use. How is this way of land travel different than the other ways we've discussed?		Continue bringing in pictures for the bulletin board.	Language Development Cards (Economy) A: 204 B: 247 Song: "The Train" from Making Your Own Music-Silver Burdett	
		Record Game Activity-"The Happy Train" (LeCrone Record Company) Use number cards to hang around each child's neck.		
		Begin using work bench-Let each child have a turn sometime during this unit, to construct a transportation vehicle of their choice. Offer assistance only if a child requests. Projects completed can be taken home.		Carpentry tools Wood scraps Wooden wheels Nails, screws, sand paper, paint, brushes, shellac.
Trucks What kinds of trucks are there? What are the uses of each: panel -pickup semi - stock delivery-fire others	truck drivers truck loaders mechanics	Use colored paper that has been pre-cut into shapes of squares, circles, triangles, and rectangles, to make a picture of child's choosing	Story: "The Little Fire Engine" by Lois Lenski Book: Airplanes and Trucks, etc. by George Zaffo	colored construction paper-paste Film: "The Truck Driver" (Encyclopedia Britannica)

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
Review of all land transportation	Review occupations mentioned so far	work in activity centers that were set up in preparation for unit	Language Development Cards (Economy) A: 19-21, 29, 51, 67, 207, 208 B: 18, 31, 38, 246, 247, 250, 257, 259	
Water Transportation Discuss early water transportation methods logs-canoe, kayok, raft		Make an Indian canoe from paper. use water transportation toys during activity time. Play game: Charlie Over the Water Bring in pictures for bulletin board of water transportation.	Language Development (Economy) A:39, 43, 209 B: 195	paper - paste crayons - scissors water transportation toys
Discuss small boats (sail-motor-row boat) How is a sail boat different? (Use of wind) Mention early use of sails by Christopher Columbus and Pilgrims on the Mayflower.		Make a sailboat picture using pieces cut from construction paper for the boat. Use water colors to paint the background.	Story: "The Little Sailboat" by Lois Lenski Book: The Big Book of Real Boats and Ships by George Zaffo	construction paper-paste-water colors-paint brushes
Discuss Steamboats and Ocean liners used for carrying cargo	Captains of ships persons who load cargo		Language Development (Economy) A: 210	Film: "Boats and Ships" (Encyclopedia Britannica)

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
			B: 149, 230	
And People				
Mention use of lighthouses	Lighthouse operators	Let children make flags depicting letters and numerals from the International code of flag signals used by sailors	Chart showing the International Code Flag Signals	Film: "The Lighthouse" (Encyclopedia Britannica)
Discuss other water craft with special purposes 1. Ferry Boat 2. Aircraft carrier 3. Tugboats 4. Coast Guard	Coast Guard Servicemen (Navy) Tugboat and Ferry operators	Take a trip to Ashtabula Coast Guard Station (See tugs, coast guard boats, cargo ships)	Language Development Cards (Economy) A: 211 B: 9, 85, 251	Film: "Tugboats" (Encyclopedia Britannica)
Discuss Submarines How are they different than other water craft so far discussed? How are they used during wartime and during peace times?	navigators various occupations of a submarine crew	Draw a picture of a submarine Write Thank you notes to the Coast Guard.	Language Development Cards (Economy) A: 212 B: 234	paper and crayons
Review Water Transportation				

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
Compare water transportation to land transportation.				
<u>Air Transportation</u> Discuss early air transportation. People got idea from watching birds. 1. Balloons 2. Wright Brothers first flight	balloon rides	Give each child a balloon to blow up. Make a basket from construction paper and string to the balloon to resemble a hydrogen balloon in which people ride	Language Development Cards(Economy) A:213, 214,215 B: 1,2,66,111	Balloons - paper string
Discuss: 1) Development of early planes to the jet 2) Uses of a jet? 3)How do jets differ from propeller planes? 4)Air transportation today.	pilot co-pilot mechanic stewardess	Visit Jefferson Airport Draw a picture of a jet or airplane. Glue on cotton pieces as clouds Bring in pictures of air transportation for bulletin board.	Story:"The Little Airplane" by Lois Lenski	paper - crayons cotton balls-glue
Discuss Helicopters How are they different than planes and jets?	pilots police military Forest Rangers	Draw a picture of a helicopter	Language Development Cards(Economy) A: 215	Film: "Billy's Helicopter Ride" (Coronet Films)

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
Uses of helicopters (Military-police-rescue traffic observation) forest rangers	Rescue Squads		B: 111	
Review all types of air transportation. Compare to water and land transportation.		Make a mural with each child drawing one method of transportation on it.		large piece of paper-crayons
Space Transportation				
Define space. For many years men have been interested in the planets and stars. Men have studied the stars by using telescopes. As far back as Indians times people have formed imaginary pictures using the stars (constellations) 1)Big Dipper 2)Little Dipper 3)North Star 4)Draco the Dragon	Astronomers	Bring in space pictures to fill that portion of the bulletin board on transportation.		
	Astronomer	Sing song: "Twinkle, Twinkle-Little Star." Make a paper telescope by rolling a piece of construction paper into a cone		Film: "What do we see in the Sky?" (Coronet Films) Paper-crayons-paste-scissors-glued stars

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
		shape. Draw small pictures of the 3 constellations mentioned and hold them up to the telescope.		
Sending man into space. Discuss what it takes to be an astronaut 1) Educated 2) Brave 3) Healthy 4) Knowledgeable, etc. How does a man prepare himself for living in space? What will he wear and take with him?		Draw a picture of an astronaut dressing him and equipping him with things mentioned during discussion.	Dennison Bulletin Board Kit "Space" Book:"I Want to Be a Space Pilot" (Children's Press)	Globe Map or chart showing the solar system and orbits of planets around the sun.
The Rocket Ship Discuss the stages: Command Module Service Module Lunar Module Explain how much of the rocket is burned up during lift off. The Countdown	Astronaut Radio man, T.V. man, Etc.,working in the control tower on earth	Make a rocket from paper or cardboard tubes. Make each stage and fashion it so that stages can be taken off as the child play-acts that his rocket is blasting off.	Language Development Cards: (Economy) A: 216 B: 191	A model of a rocket showing the various stages.

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT MATERIALS
Man on the Moon Discuss moon landing and how the lunar module breaks away from the command module. Talk about various scientific tasks that will be performed by the men on the moon. Explain the docking procedure of the lunar module back to the command module Splashdown. Review of Space Transportation	Scientists Lab technician Communications	Draw a picture of the men landing the lunar module on the moon.		Film: "Our Class Explores the Moon" (Coronet Film)

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CAREER EDUCATION PROGRAM

GENEVA

AREA

CITY

SCHOOLS

UNIT TITLE: Transportation

MAJOR SUBJECT AREA: Social Studies

APPROXIMATE GRADE LEVEL: Kindergarten

PROJECT DIRECTOR: E. A. Veverka

UNIT WRITER: Beth Hutchison

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   c) to do classifying.
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BROAD CONCEPTS TO BE DEVELOPED:

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UNIT PREPARATION:

1. Arrange room so that there is an area large enough for children to sit on the floor in a circle during class discussions.
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   c) water paints and brushes

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   i) carpentry tools

   j) workbench or saw horses

   k) shellac

   l) various transportation toys and building blocks

4. Set up activity centers for use with transportation toys and construction and building materials. Have an activity time each day.

DISCUSSION TOPICS TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
I. A. Land Transportation What is the meaning of transportation? B. What are ways we can move from one place to another? C. Discuss early man's methods of transporta-	Parents of the children who are involved in transportation occupations	By way of a circle discussion? teacher and pupils will come up with a definition of transportation using pupil suggestions. Let each child show a way of moving	Language Development Cards (Economy) A: 29, 33, 132, 204-8 B: 18, 31, 36, 38, 79, 116, 143, 246, 247, 250, 257, 259, 271 pictures showing methods	early transportation

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DISCUSSION TOPICS TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
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Cars and Buses All children have traveled in a car. Discuss various other cars: ambulance, taxi, hearse, jeep, etc. Discuss kinds of buses: greyhound, school, etc.	drivers of cars mentioned Bus drivers Gas station Attendants Mechanics	Each child who brought in a picture may hang it on the bulletin board Draw a picture of your family car and/or another kind of car or bus.	Song: "Riding in My Car" - from Making Your Own Music - Silver Burdett Language Development Cards (Economy) A: 31, 131, 205, 206 B: 31, 38 Song: "The Wheels on the Bus Go 'Round and 'Round"	Crayons and paper
Trains There are 2 types of trains: 1) passenger 2) freight Name some of the cars on each: baggage-coach dining-observation-baggage Boxcar-flat car hopper-Gondola tank - stock refrigerator mail caboose Rail travel had an earlier beginning.	Conductor Brakemen Porter Ticket Agent Cooks Mail clerk Stewardess	Draw a picture of a train naming each car as it is made. Draw a large mural of a train letting each child draw one car either on the passenger train or the freight train.	Story: "The Little Engine That Could" by Watty Piper Song: "Down by the Station" Story: "The Little Train" by Lois Lenski Book: The Big Book of Trains by George Zaffo	Filmstrips: "The Passenger Train" "The Freight Train" (Encyclopedia Britannica) Long sheets of white paper - crayons Book: Airplanes and Trucks, etc. by G. Zaffo (Truck Section) a large piece of paper - crayons

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
Discuss its early use. How is this way of land travel different than the other ways we've discussed?		Continue bringing in pictures for the bulletin board. Record Game Activity-"The Happy Train" (LeCrone Record Company) Use number cards to hang around each child's neck.	Language Development Cards (Economy) A: 204 B: 247 Song: "The Train" from Making Your Own Music-Silver Burdett	
		Begin using work bench-Let each child have a turn sometime during this unit, to construct a transportation vehicle of their choice. Offer assistance only if a child requests. Projects completed can be taken home.		Carpentry tools Wood scraps Wooden wheels Nails, screws, sand paper, paint, brushes, shellac.
Trucks What kinds of trucks are there? What are the uses of each: panel -pickup semi - stock delivery-fire others	truck drivers truck loaders mechanics	Use colored paper that has been pre-cut into shapes of squares, circles, triangles, and rectangles, to make a picture of child's choosing	Story: "The Little Fire Engine" by Lois Lenski Book: Airplanes and Trucks, etc. by George Zaffo	colored construction paper-paste Film: "The Truck Driver" (Encyclopedia Britannica)

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
Review of all land transportation	Review occupations mentioned so far	work in activity centers that were set up in preparation for unit	Language Development Cards (Economy) A: 19-21, 29, 51, 67, 207, 208 B: 19, 31, 38, 246, 247, 250, 257, 259	
Water Transportation Discuss early water transportation methods logs-canoe, kayok, raft		Make an Indian canoe from paper. use water transportation toys during activity time. Play game: Charlie Over the Water	Language Development (Economy) A:39, 43, 209 B: 195	paper - paste crayons - scissors water transportation toys
Discuss small boats (sail-motor-row boat) How is a sail boat different? (Use of wind) Mention early use of sails by Christopher Columbus and Pilgrims on the Mayflower.		Bring in pictures for bulletin board of water transportation. Make a sailboat picture using pieces cut from construction paper for the boat. Use water colors to paint the background.	Story:"The Little Sailboat" by Lois Lenski Book:The Big Book of Real Boats and Ships by George Zaffo	construction paper-paste-water colors-paint brushes
Discuss Steamboats and Ocean liners used for carrying cargo	Captains of ships persons who load cargo		Language Development (Economy) A: 210	Film: "Boats and Ships" (Encyclopedia Britannica)

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
			B: 149, 230	
And People Mention use of lighthouses	Lighthouse operators	Let children make flags depicting letters and numerals from the International code of flag signals used by sailors	Chart showing the International Code Flag Signals	Film: "The Lighthouse" (Encyclopedia Britannica)
Discuss other water craft with special purposes 1. Ferry Boat 2. Aircraft carrier 3. Tugboats 4. Coast Guard	Coast Guard Servicemen (Navy) Tugboat and Ferry operators	Take a trip to Ashtabula Coast Guard Station (See tugs, coast guard boats, cargo ships)	Language Development Cards (Economy) A: 211 B: 9, 85, 251	Film: "Tugboats" (Encyclopedia Britannica)
Discuss Submarines How are they different than other water craft so far discussed? How are they used during wartime and during peace times? Review Water Transportation	navigators various occupations of a submarine crew	Draw a picture of a submarine Write Thank you notes to the Coast Guard.	Language Development Cards (Economy) A: 212 B: 234	paper and crayons

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
Compare water transportation to land transportation.				
<u>Air Transportation</u> Discuss early air transportation. People got idea from watching birds. 1. Balloons 2. Wright Brothers first flight	balloon rides	Give each child a balloon to blow up. Make a basket from construction paper and string to the balloon to resemble a hydrogen balloon in which people ride	Language Development Cards(Economy) A:213, 214,215 B: 1,2,66,111	Balloons - paper string
Discuss: 1) Development of early planes to the jet 2) Uses of a jet? 3)How do jets differ from propeller planes? 4)Air transportation today.	pilot co-pilot mechanic stewardess	Visit Jefferson Airport Draw a picture of a jet or airplane. Glue on cotton pieces as clouds Bring in pictures of air transportation for bulletin board.	Story:"The Little Airplane" by Lois Lenski	paper - crayons cotton balls-glue
Discuss Helicopters How are they different than planes and jets?	pilots police military Forest Rangers	Draw a picture of a helicopter	Language Development Cards(Economy) A: 215	Film: "Billy's Helicopter Ride" (Coronet Films)

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
Uses of helicopters (Military-police-rescue traffic observation) forest rangers	Rescue Squads		B: 111	
Review all types of air transportation. Compare to water and land transportation.		Make a mural with each child drawing one method of transportation on it.		large piece of paper-crayons
Space Transportation				
Define space. For many years men have been interested in the planets and stars. Men have studied the stars by using telescopes. As far back as Indians times people have formed imaginary pictures using the stars (constellations) 1)Big Dipper 2)Little Dipper 3)North Star 4)Draco the Dragon	Astronomers	Bring in space pictures to fill that portion of the bulletin board on transportation.		
	Astronomer	Sing song: "Twinkle, Twinkle-Little Star." Make a paper telescope by rolling a piece of construction paper into a cone		Film: "What do we see in the Sky?" (Coronet Films) Paper-crayons-paste-scissors-glued stars

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT AND MATERIALS
		shape, Draw small pictures of the 3 constellations mentioned and hold them up to the telescope.		
Sending man into space. Discuss what it takes to be an astronaut 1) Educated 2) Brave 3) Healthy 4) Knowledgeable, etc. How does a man prepare himself for living in space? What will he wear and take with him?		Draw a picture of an astronaut dressing him and equipping him with things mentioned during discussion.	Dennison Bulletin Board Kit "Space" Book:"I Want to Be a Space Pilot" (Children's Press)	Globe Map or chart showing the solar system and orbits of planets around the sun.
The Rocket Ship Discuss the stages: Command Module Service Module Lunar Module Explain how much of the rocket is burned up during lift off. The Countdown	Astronaut Radio men, T.V. men, Etc.,working in the control tower on earth	Make a rocket from paper or cardboard tubes. Make each stage and fashion it so that stages can be taken off as the child play-acts that his rocket is blasting off.	Language Development Cards: (Economy) A: 216 B: 191	A model of a rocket showing the various stages.

DISCUSSION TO BE DEVELOPED	OCCUPATIONS TO BE MENTIONED	ACTIVITIES	AUDIO-VISUAL MATERIALS	EQUIPMENT MATERIALS
<u>Man on the Moon</u> Discuss moon landing and how the lunar module breaks away from the command module. Talk about various scientific tasks that will be performed by the men on the moon. Explain the docking procedure of the lunar module back to the command module Splashdown. Review of Space Transportation	Scientists Lab technician Communications	Draw a picture of the men landing the lunar module on the moon.		Film: "Our Class Explores the Moon" (Coronet Film)

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